



CICT – Boom Truck

1. COURSE OBJECTIVES

a. On completion of this course you will know:

- i. Roles and Responsibilities of the Operator
- ii. Assessment of Loads for Lifting
- iii. Basic Rigging Principles and Practices
- iv. Inspection of Boom Truck Crane and Rigging
- v. Definitions of Critical Lift, Non-standard Lift, and Standard Lift
- vi. Crane Capacity Charts
- vii. Basic Crane Safety
- viii. Hand Signals

2. OCCUPATIONAL HEALTH AND SAFETY (OH&S) ACT

- a. Obligations of Employers, Workers, etc. 2(1)-(5)
- b. Serious Injuries and accidents 18(1)-(2)
- c. Existence of Imminent Danger 35(1)-(2)

3. OCCUPATIONAL HEALTH AND SAFETY (OH&S) REGULATION

- a. Equipment 12(1)
- b. General protection of workers 13(1)-(4)
- c. Duties of workers 14(1)-(2)
- d. Safety training 15(1), (4), (5)

4. OCCUPATIONAL HEALTH AND SAFETY (OH&S) CODE

a. PART 6 - Cranes, Hoists and Lifting Devices

- i. Application 59(1)
- ii. Rated load capacity 62
- iii. Load Charts 63(1)
- iv. Operator requirements 64
- v. Log Books 65 (1)(5)
- vi. Preventing an unsafe lift 66
- vii. Load weight 68
- viii. Loads over work areas 69
- ix. Hand signals 71
- x. Controls 95.1

b. PART 12 – General Safety Precautions

- i. Signallers 191(1)(5)(7)

c. PART 19 - Powered Mobile Equipment

- i. Operator responsibilities 256(1)(2)
- ii. Visual Inspection 257(1)
- iii. Dangerous movement 258(1)
- iv. Inspection and maintenance 260(1)



d.PART 21 – Rigging

- i. Breaking Strength 292(1)**
- ii. Load Ratings 293(1)-(2)**
- iii. Inspection 294**
- iv. Rigging Protection 296**

- v. Sling Standard 297(1)**
 - a. ASME Standard B30.9-1996**
- vi. Slings 298(1)**
- vii. Rope wound on drum 299(1)(2)**

Rejection Criteria

- viii. Electric Arc damage 308**
- ix. Damaged Hooks 309**